

# **Emissions Reduction Incentive Grant Supplemental Activity Application Form On-Vehicle/Equipment Electrification & Idle Reduction Infrastructure**

**TCEQ-10430e**

**Version 16.01**



One Supplemental Activity Application Form should be used for each activity.

Applications will be considered void if language is altered.

The completed form should be attached to the Project Application Form (TCEQ-10430).

This application form is only valid for the application period ending on February 2, 2016, or subsequent end date if the application period is extended.

## **Application Deadline:**

ERIG applications will be accepted until 5 p.m. Central Time on February 2, 2016, unless extended to a later date by the TCEQ.

Texas Commission on Environmental Quality  
Air Quality Division  
Implementation Grants Section (ERIG), MC-204  
P.O. Box 13087  
Austin, TX 78711-3087



<http://www.terpgrants.org>

**On-Vehicle/Equipment Electrification & Idle Reduction Infrastructure  
Supplemental Activity Application Form**

Attach this form to the Project Application Form TCEQ-10430

**1. Type of Activity** (Mark the appropriate box with an X.)

Auxiliary Power Unit (APU) - On-Road Vehicle:	
Auxiliary Power Unit (APU) - Other (explain in Section 2):	
On-Vehicle/Equipment Infrastructure to Enable Acceptance of Electricity from External Source:	
Other (explain in section 2):	

**2. Activity Summary**

Please provide a brief summary of the proposed activity, including information on the infrastructure (i.e., APU) to be installed and how use of the infrastructure will result in new NOx reductions. Attach additional pages if necessary.

**Note: This is not available for installation of an APU or other system for providing air conditioning or heating on trucks with a sleeper berth while the truck is parked to avoid overnight idling.**

**3. Schedule**

A. Has the purchase been completed? (Mark the appropriate box with an X.)

Yes:		No:	
Date of purchase: <small>(If the Infrastructure has been purchased please provide the date)</small>			
Expected # of months to complete the purchase:			

The purchase (or conversion, if applicable) of the vehicles or equipment may not have been completed prior to 12 months of the application deadline.

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**4. Designated Activity Life**

The number of years you commit to using the vehicle/equipment with the infrastructure in the eligible counties, and to monitor and report to the TCEQ on the use. Minimum of 5 years

**5. Work Plan and Schedule**

Provide a detailed list of the major work tasks to purchase and install the infrastructure. Include a schedule for completing the work tasks. Attach additional sheets if needed.

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The calculation of emissions reductions is partially based on the percentage of use in the eligible counties. If you fail to use the grant funded equipment for the committed percentage of time in the eligible counties, the TCEQ may require you to refund all or a portion of grant funds.

**All projections should be realistic because the applicant will be held accountable.**

### 6. Project Area & Usage Information

Only projects operating at least 75% of annual usage (hours of operation) in the following areas, or combination thereof, are accepted. **Please note: Annual usage in the eligible counties cannot equal 100% if the equipment is used in a county not listed below.**

**At least 75% of the annual usage of the infrastructure must occur in one or more of the following areas.**

<b>Austin Area</b> (Bastrop, Caldwell, Hays, Travis, and Williamson Counties):	
<b>Beaumont-Port Arthur Area</b> (Hardin, Jefferson, and Orange Counties):	
<b>Corpus Christi Area</b> (Nueces and San Patricio Counties):	
<b>Dallas - Fort Worth Area</b> (Collin, Dallas, Denton, Ellis, Henderson, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties):	
<b>El Paso Area</b> (El Paso County):	
<b>Houston-Galveston-Brazoria Area</b> (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties):	
<b>San Antonio Area</b> (Bexar, Comal, Guadalupe, and Wilson Counties):	
<b>Tyler-Longview Area</b> (Gregg, Harrison, Rusk, Smith, and Upshur Counties):	
<b>Victoria Area</b> (Victoria County):	

**No more than 25% of the annual usage may be outside of the areas listed above.**

List below all other counties and states in which you plan to operate, including the counties between eligible areas listed above.

### 7. Hours of Operation - Commitment

Total number of hours you will operate the infrastructure per year: <b>DO NOT</b> overstate your usage:	
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**8. Infrastructure Information**

General Description:	
Manufacturer:  Make/Model (if applicable):  Model Year:  Identification Number: <small>(part/kil number)</small> Estimated life of the equipment: <small>(years)</small>  Engine Make/Model:  Model Year:  Fuel Type:  Horsepower Rating: <small>(Brake Horsepower)</small> Horsepower Rating: <small>(Kilowatt)</small> Engine Family Code: <small>(12-digit # on the emissions label)</small> Certified NOx Emissions: <small>(g/bhp-hr)</small>	
<b>Certification of NOx Emissions</b> Note: Applications with unverified emission reduction technologies will not be accepted. (Mark the appropriate box with an X.)	
EPA:	<div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 300px; height: 20px; display: inline-block;"></div>
	CARB:

**9. Vehicle/Equipment Information**

Description & Function: <small>(i.e., refuse truck, transit bus)</small> Make/Model: <small>(if applicable)</small> Model Year:  Identification Number:  Gross Vehicle Weight Rating (GVWR): <small>(on-road vehicles only)</small> Engine Make/Model:  Model Year:  Engine Horsepower (hp) or Power (kW) Rating:  Fuel Type: <small>(if dual-fuel, list each type)</small> Engine Family Code: <small>(12-digit # on the emissions label)</small> Certified NOx Emissions (g/bhp-hr):	
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## On-Vehicle/Equipment Electrification & Idle Reduction Infrastructure

### Supplemental Activity Application Form

Refer to the Request for Applications for a full list of eligible and ineligible expenses.

All cost estimates, quotes, and bids, as well as the final invoices, should be itemized, at least to the level of detail explained below. If the purchases and work are already completed, attach a copy of the itemized invoice or sales receipt.

#### 10. Incremental Cost / Cost to Applicant

<b>A. Capital Cost - Equipment &amp; Installation:</b>	
1. Infrastructure system, (Invoice cost of system, including taxes, duty, protective in-transit insurance, and freight charges.):	
2. Additional Equipment (Invoice cost of additional equipment with a per unit acquisition cost of \$5,000 or more and is necessary for the completion of the activity):	
3. Installation costs (Installation costs, including costs to re-engineer the vehicle for the infrastructure to fit. Technical design, testing, and other engineering services required as part of the installation work should also be listed under this subcategory.):	
<b>B. Supplies:</b>	
Total cost of Supplies (Invoice cost of equipment and materials not included as part of the infrastructure with an acquisition cost of less than \$5,000 that are necessary. Attach itemized quote/bid.)	
<b>C. Financial Assistance:</b>	
Financial Assistance (List the value of and explain any other financial assistance to be used for the purchase or lease, such as tax credits or deductions, other grants, or any other public financial assistance. This does not include the amount you finance through a bank or other third-party to purchase the equipment.):	
<b>D. Incremental Cost / Cost to Applicant:</b>	
Incremental Cost / Cost to Applicant (A + B - C = D):	

#### 11. Grant Amount

Grant Amount Requested For this Activity:	
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#### 12. Installer Contact Information (if known)

Dealer/Installer Name:	
Contact Name:	
Phone Number:	
Street Address:	
City:	
State:	
Zip Code:	

#### 13. Procurement Process

Explain below the process used (or to be used) to select the installer and the system. One (1) bid or quote is required to be attached to this grant application.

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**14. Emissions Reductions and Cost Per Ton** (completion is optional)

You are not required to calculate the emissions reductions and cost per ton of this project in order to apply for the grant. However, you may provide the following information for the activity included in the application.

Applicant's Estimate	
Total Emissions Reductions for this Activity (tons of NOx):	
Annual Emissions Reductions for this Activity (tons of NOx):	
Cost Per Ton for this Activity (\$/ton):	

**15. Certification of Ownership**

By signing the application Signature Page, the applicant certifies that the applicant is the current owner of the vehicle or equipment. Ownership does not include leases.

**Required Documents Attached**

These materials must be included with the On-Vehicle/Equipment Electrification Idle Reduction Infrastructure

1. Provide the written quotes and other information used to determine the costs.
2. Attach any available information about the infrastructure to be installed.
4. For on-road vehicle idle reduction infrastructure, attach any available records and documentation to verify the annual hours spent at idle.
5. For APUs, attach the EPA or CARB emissions certification form.